

## BIOLOGY

1. BRANCHES OF BIOLOGY.....	3	Reproductive System .....	87
2. CELL.....	5	10. PROTEIN, VITAMINS AND MINERALS.....	96
Animal cell .....	5	11. Plant Biology .....	97
Plant Cell .....	8	12. Human Diseases: Metabolic, Bacterial and Other Diseases .....	102
3. Tissue.....	10	13. Plant Kingdom.....	117
Animal tissue .....	10	Bacteria .....	117
Plant Tissue.....	12	Bryophyta .....	120
4. BIOMOLECULES .....	18	Pteridophyta .....	121
5. GENETICS .....	21	Gymnosperm .....	121
6. EVOLUTION .....	34	Angiosperm.....	122
7. TAXONOMY .....	37	Flower .....	125
8. ANIMAL KINGDOM .....	39	Transpiration.....	127
Protista .....	39	Photosynthesis.....	128
Porifera .....	40	Respiration.....	132
Coelenterata .....	40	Transportation in Plants .....	133
Platyhelminthes.....	41	Plant Hormones .....	135
Aschelminthes .....	42	Plant Movements.....	137
Annelida.....	42		
Arthropoda .....	42		
Mollusca .....	43		
Echinodermata .....	44		
Chordata .....	44		
Amphibia.....	45		
Reptiles .....	46		
Mammalia.....	47		
Pisces .....	48		
9. HUMAN BODY.....	49		
Digestive system .....	49		
Blood Circulatory System.....	56		
Respiratory System.....	64		
Excretory System .....	70		
Nervous System .....	73		
Skeleton System .....	78		
Endocrine System .....	83		

## Ecology

1. Environment and Ecosystem .....	159
2. Biodiversity .....	162
3. Environmental Conservation : Global Efforts .....	166
4. National Parks and Wildlife Sanctuaries.....	171
5. Pollution.....	177
6. Waste management .....	184
7. Green House Effect/Climate Change .....	196
8. Wildlife Conservation and Management.....	205
9. Natural Energy .....	208
10. Miscellaneous .....	209

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# BIOLOGY

## 1. BRANCHES OF BIOLOGY

**Q1. Who introduced binomial nomenclature? (RRB NTPC (Stage-II) 15/06/2022 (Shift-II))**

- (a) Claude Louis Berthollet (b) John Dalton (c) Dmitri Mendeleev (d) Carolus Linnaeus

Correct Answer: (d) Carolus Linnaeus

**Q2. The term 'sericulture' is related to which of the following? (RRB NTPC 28.12.2020 (Shift-I) Stage Ist)**

- (a) Fish farming (b) Silk farming (c) Bird farming (d) Bee farming

Correct Answer: (b) Silk farming

**Q3. Which of the following terms best describes the biological study of animal behaviour? (RRB NTPC 12.01.2021 (Shift-I) Stage Ist)**

- (a) Etiology (b) Ethnology (c) Entomology (d) Ethology

Correct Answer: (d) Ethology

**Q4. The cultivation of high value crops such as vegetables, fruits and flowers is called (RRB NTPC 09.02.2021 (Shift-II) Stage Ist)**

- (a) Sericulture (b) Pisciculture (c) Apiculture (d) Horticulture

Correct Answer: (d) Horticulture

**Q5. The study of cells is called (RRB NTPC 08.02.2021 (Shift-II) Stage Ist)**

- (a) Serology (b) Cytoplasm (c) Cytology (d) Etiology

Correct Answer: (c) Cytology

**Q6. Viticulture is: (RRB NTPC 11.01.2021 (Shift-I) Stage Ist)**

- (a) Vegetable cultivation (b) Mango cultivation (c) Grape cultivation (d) Flower cultivation

Correct Answer: (c) Grape cultivation

**Q7. The science that deals with the relationship of various organisms with their environment is known as- (RRB JE 24.05.2019 (Shift-III)) (RRB JE CBT-II 31.08.2019 IInd Shift)**

- (a) Geology (b) Ecology (c) Anthropology (d) Cytology

Correct Answer: (b) Ecology

**Q8. Which of the following study related to human? (RRB NTPC 10.04.2016 (Shift-III) Stage I)**

- A) Archaeology B) Archeology C) Anthropology D) Andrology

Correct Answer: (C) Anthropology

**Q9. The study of fertilization, development, division and variation is known as: (RRB NTPC Stage I 30.04.2016 (Shift-I))**

- A) Embryology B) Physiology C) Genetics D) Evolution

Correct Answer: (A) Embryology

**Q10. Which branch of zoology is closely related to the study of sociology of human race? (RRB JE 29.05.2019 (Shift-I))**

- (a) Embryology (b) Zoogeography (c) Physiology (d) Anthropology

Correct Answer: (d) Anthropology

**Q11. The study of diseases in plants and the way in which plants resist or cope with infection is called: (RRB NTPC Stage I 29.04.2016 (Shift-III))**

- A) Pathology B) Physiology C) Phytopathology D) Photomorphogenesis

Correct Answer: (C) Phytopathology

**Q12. Under which branch of soil science is the study of the effect of soil on living things? (RRB NTPC Stage I 28.04.2016 (Shift-III))**

- A) Andrology B) Edaphology C) Agrobiolgy D) Desmology

Correct Answer: (B) Edaphology

**Q13. Which of the following is the branch of physiology and medicine that deals with specific diseases and conditions of men? (RRB NTPC Stage I 28.04.2016 (Shift-II))**

- A) Andrology B) Astacology C) Bioecology D) Desmology

Correct Answer: (A) Andrology

**Q14. Which of the following disciplines of medical science is related to treatment and study of liver? (RRB NTPC Stage Ist 27.04.2016 (Shift-III))**

- (a) Helcology (b) Hepatology (c) Heterology (d) Geriatrics

Correct Answer: (b) Hepatology

**Q15. What is the branch of biology related to the classification of organisms? (RRB NTPC Stage I 28.04.2016 (Shift-I))**

A) Taxonomy B) Nothology C) Anatomy  
D) Limnology

Correct Answer: **A) Taxonomy**

**Q16. Taxonomy is basically related to (RRB NTPC 19.04.2016 (Shift-I) Stage I)**

A) Biodiversity B) Tax structure C) A branch of astronomy D) Study of human behavior

Correct Answer: **A) Biodiversity**

**Q17. Zoology is the study of: (RRB JE 31.05.2019 (Shift-III))**

(a) Energy (b) Fruit (c) Viruses (d) Animals

Correct Answer: **(d) Animals**

**Q18. What is a branch of science that deals with life or the possibilities of life beyond the earth? (RRB NTPC 07.04.2016 (Shift-III) Stage I)**

A) Entomology B) Exobiology C) Mycology  
D) Paleontology

Correct Answer: **B) Exobiology**

**Q19. \_\_\_\_\_ is a study of the behavior of elements and human-like species such as monkeys, apes, forest animals, etc. (RRB NTPC 07.04.2016 (Shift-I) Stage I)**

A) Anthropology B) Ethnobotany C) Primatology D) Apiology

Correct Answer: **C) Primatology**

**Q20. Which of the following is a study of spiders? (RRB NTPC 09.04.2016 (Shift-III) Stage I)**

A) Arachnology B) Anthropology C) Apiology D) Cynology

Correct Answer: **A) Arachnology**

**Q21. Saurology is the study of: (RRB NTPC 10.04.2016 (Shift-III) Stage I)**

A) Mosquito B) Lizard C) Cockroach D) Snake

Correct Answer: **B) Lizard**

**Q22. \_\_\_\_\_ is a written document that draws from research depicting an anthropological culture. (RRB NTPC 11.04.2016 (Shift-III) Stage I)**

A) Ethnography B) Cultural Relativism C) Ethnosetrisism D) Ethnobotany

Correct Answer: **A) Ethnography**

**Q23. What is the study of birds called? (RRB NTPC 28.03.2016 (Shift-II) Stage 1)**

A) Entomology B) Ornithology C) Birdology  
D) Herpetology

Correct Answer: **B) Ornithology**

**Q24. The scientific study of the preserved remains or signs of animals, plants and other animals of ancient times is called: (RRB NTPC 28.03.2016 (Shift-I) Stage I)**

A) Anthropology B) Archaeology C) Paleontology D) Pharmacology

Correct Answer: **C) Paleontology**

**Q25. What is studied in botany? (RRB NTPC 30.03.2016 (Shift-II) Stage I)**

A) Human anatomy B) Plants C) Pure mathematics D) Human psychology

Correct Answer: **B) Plants**

**Q26. Oncology is associated with the treatment of which disease? (RRB NTPC 30.03.2016 (Shift-I) Stage It)**

(a) Osteoporosis (b) Diabetes (c) Cancer (d) Renal failure

Correct Answer: **(c) Cancer**

**Q27. What is mycology? (RRB NTPC 31.03.2016 (Shift-III) Stage I)**

A) Study of bacteria B) Study of mushroom  
C) Study of virus D) Study of parasites

Correct Answer: **B) Study of mushroom**

**Q28. Mycology is related to the study of ..... (RRB JE 28.06.2019 (Shift-IV))**

(a) Human cells (b) Fungi (c) Virus (d) Bacteria

Correct Answer: **(b) Fungi**

**Q29. What is Oneirology studied? (RRB NTPC 03.04.2016 (Shift-II) Stage I)**

A) God B) Dreams C) Sleep D) Colour

Correct Answer: **B) Dreams**

**Q30. Toxicology is study of: (RRB NTPC 05.04.2016 (Shift-I) Stage It)**

(a) Human behavior (b) Poison (c) Soil erosion  
(d) Rock

Correct Answer: **(b) Poison**

**Q31. What is the study of fossils called? (RRB Group-D 25-09-2018 (Shift-II))**

(a) Ethnology (b) Paleontology (c) Classification (d) Ethnobotany

Correct Answer: **(b) Paleontology**

**Q32. Palaeontology deals with the study of (RRB JE 31.05.2019 (Shift-I))**

- (a) Bones (b) Fossils (c) Rigid cells (d) Wings

Correct Answer: **(b) Fossils**

**Q33. What is study of different types of tissues called? (RRB JE 23.05.2019 (Shift-III))**

- (a) Cell Biology (b) Cell Physiology (c) Cytology (d) Histology

Correct Answer: **(d) Histology**

## 2. CELL

### Animal cell

**Q34. Which cell organelle is known as the 'suicide bags of a cell'? (RRB Group-D-13/09/2022 (Shift-I)) (RRB Group-D 27-09-2022 (Shift-II))**

- (a) Lysosome (b) Nucleus (c) Mitochondria (d) Centrosome

Correct Answer: **(a) Lysosome**

**Q35. Which of the following organelle of the eukaryotic cells are also called suicidal bags? (RRB NTPC (Stage-II)-13/06/2022 (Shift-II))**

- (a) Mitochondria (b) Golgi body (c) Chloroplast (d) Lysosomes

Correct Answer: **(d) Lysosomes**

**Q36. Two types of cell divisions A and B, are shown in the figure below. Which option provides the correct answer for: i. Types of cell division ii. When and where does division B take place? (RRB Group-D 22-08-2022 (Shift-I))**

- (a) i. A-Meiosis, B-Mitosis, ii. Meiosis takes place in reproductive cells for the formation of gametes (b) i. A-Mitosis, B- Meiosis, ii. Meiosis takes place in reproductive cells for the formation of gametes (c) i. A-Mitosis, B-Meiosis, ii. Meiosis takes place in body cells for growth (d) i. A and B- Meiosis, ii. Meiosis takes place in body cells for growth

Correct Answer: **(b) i. A-Mitosis, B- Meiosis, ii. Meiosis takes place in reproductive cells for the formation of gametes**

**Q37. What is the similarity between fermentation in yeast and anaerobic respiration taking place in muscle cells of humans? (RRB Group-D 25-08-2022 (Shift-II))**

- (a) Lactic acid is formed (b) Take place in Cytoplasm (c) Ethanol is formed (d) Take place in mitochondria

Correct Answer: **(b) Take place in Cytoplasm**

**Q38. In the ..... of the cell, pyruvate is formed from glucose. (RRB Group-D 24-08-2022 (Shift-III))**

- (a) Cytoplasm (b) Ribosome (c) Mitochondria (d) Nucleus

Correct Answer: **(a) Cytoplasm**

**Q39. Selectively permeable membranes are those that allow penetration of (RRB Group-D 23-08-2022 (Shift-I))**

- (a) neither solvent nor solute molecules (b) only solvent molecules but not solute molecules (c) both solvent and solute molecules (d) only solute molecules but not solvent molecules

Correct Answer: **(b) only solvent molecules but not solute molecules**

**Q40. Which cell organelle detoxifies toxins and drugs? (RRB Group-D 25-08-2022 (Shift-I))**

- (a) Ribosomes (b) Mitochondria (c) Golgi bodies (d) Endoplasmic reticulum

Correct Answer: **(d) Endoplasmic reticulum**

**Q41. Why are mitochondria considered as a 'weird' organelle? (RRB Group-D 24-08-2022 (Shift-I))**

- (a) Because they can digest microorganisms (b) Because they contain ribosomes and DNA (c) Because they are the power-house of the cell (d) Because they are the store of cellular contents

Correct Answer: **(b) Because they contain ribosomes and DNA**

**Q42. Apart from nucleus of the cell, which two cell organelles have their own DNA and Ribosomes? (RRB Group-D- 09/09/2022 (Shift-III))**

- (a) Plastids and Mitochondria (b) Mitochondria and Lysosomes (c) Plastids and Golgi bodies (d) Mitochondria and Golgi bodies

Correct Answer: **(a) Plastids and Mitochondria**

**Q43. Which molecule is known as the 'Energy Currency' of the cell (RRB Group-D 09/09/2022 (Shift-III))**

- (a) Glucose (b) ADP (c) ATP (d) Pyruvic acid

Correct Answer: **(c) ATP**

**Q44. Which of the following cellular components are known as the protein factories of a cell? (RRB Group-D-05/09/2022 (Shift-III))**

- (a) Ribosomes (b) Chloroplasts (c) Mitochondria (d) Golgi bodies

Correct Answer: **(a) Ribosomes**

**Q45. Some feature of a prokaryotic cell are mentioned below. Select the INCORRECT option. (RRB Group-D-05/09/2022 (Shift-I))**

- (a) Membrane-bound cell organelles present  
(b) Nuclear region known as nucleoid (c) Single chromosome (d) Very small in size

Correct Answer: **(a) Membrane-bound cell organelles present**

**Q46. What is the subunits composition of prokaryotic ribosomes? (RRB Group-D-01/09/2022 (Shift-II))**

- (a) 50S and 30S (b) 60S and 40S (c) 60S and 30S (d) 50S and 40S

Correct Answer: **(a) 50S and 30S**

**Q47. Which of the following cellular components is absent in most of the prokaryotes? (RRB Group-D- 02/09/2022 (Shift-II))**

- (a) Ribosome (b) Cell wall (c) Cytoplasm (d) Nuclear membrane

Correct Answer: **(d) Nuclear membrane**

**Q48. Which of the following is called the 'powerhouse of the cell'? (RRB NTPC (Stage - II) 17/06/2022 (Shift-III))**

- (a) Mitochondria (b) Red blood cells (c) White blood cells (d) Plasma membrane

Correct Answer: **(a) Mitochondria**

**Q49. To which of the following organisms is the Cell Theory given by Schleiden and Schwann not applicable? (RRB Group-D 22-08-2022 (Shift-II))**

- (a) Viruses (b) Animals (c) Algae (d) Fungi

Correct Answer: **(a) Viruses**

**Q50. The smallest unit of the life capable of independent existence is: (RRB NTPC 07.01.2021 (Shift-II) Stage Ist)**

- (a) Cell (b) Cytoplasm (c) Vacuoles (d) Protoplasm

Correct Answer: **(a) Cell**

**Q51. The jelly-like substance between the nucleus and cell membrane is called (RRB NTPC 21.03.2021 (Shift-II) Stage Ist)**

- (a) Otic (b) Cytoplasm (c) Amniotic (d) Pleural

Correct Answer: **(b) Cytoplasm**

**Q52. Cytoplasm is a jelly-like fluid that is present between: (RRB NTPC 29.01.2021 (Shift-II) Stage Ist)**

- (a) Nucleus and organelles (b) Fats and tissues  
(c) Nerves and cells (d) Nucleus and cell membrane

Correct Answer: **(d) Nucleus and cell membrane**

**Q53. .... are known as the powerhouse of the cell. (RRB NTPC 23.01.2021 (Shift-II) Stage Ist)**

- (a) Cytoplasm (b) Mitochondria (c) Nucleus (d) Endoplasmic Reticulum

Correct Answer: **(b) Mitochondria**

**Q54. Which is the outermost covering of the cell that separates the contents of the cell from its external environment? (RRB NTPC 03.02.2021 (Shift-I) Stage Ist)**

- (a) Plasma membrane (b) Organelles (c) Nerve cell (d) Smooth muscle cell

Correct Answer: **(a) Plasma membrane**

**Q55. Alignment of chromosomes in the center of the cell at the equatorial plate constitutes which stage of mitosis? (RRB NTPC 19.01.2021 (Shift-I) Stage Ist)**

- (a) Telophase (b) Prophase (c) Metaphase (d) Anaphase

Correct Answer: **(c) Metaphase**

**Q56. Which of the following cell organelles are responsible for transfer packaging, and modification of protein and lipids in vesicles? (RRB NTPC 26.07.2021 (Shift-II) Stage Ist)**

- (a) Rough endoplasmic reticulum (b) Smooth endoplasmic reticulum (c) Ribosome (d) Golgi apparatus

Correct Answer: **(d) Golgi apparatus**

**Q57. Which of the following is a membrane-bound sac, filled with digestive enzymes? (RRB NTPC 15.03.2021 (Shift-I) Stage Ist)**

- (a) Golgi apparatus (b) Mitochondria (c) Lysosomes (d) Vacuoles

Correct Answer: **(c) Lysosomes**

**Q58. Ribosomes make (RRB NTPC 09.01.2021 (Shift-I) Stage Ist)**

- (a) Fats (b) Lipids (c) Proteins (d) Starch

Correct Answer: **(c) Proteins**

**Q59. Which of the following organelles helps to keep the cell clean by digesting any foreign material as well as worn out cell organelles? (RRB NTPC 26.07.2021 (Shift-I) Stage Ist) (RRB NTPC 16.01.2021 (Shift-I) Stage Ist)**

- (a) Golgi apparatus (b) Lysosome (c) Mitochondria (d) Endoplasmic reticulum

Correct Answer: **(b) Lysosome**

**Q60. Who coined the term 'protoplasm'? (RRB NTPC 03.03.2021 (Shift-I) Stage Ist)**

- (a) G.J. Mendel (b) Johann Evangelist Purkinje (c) Charles Darwin (d) Robert Hooke

Correct Answer: **(b) Johann Evangelist Purkinje**

**Q61. When there is a lack of oxygen in our muscle cells, the breakdown of Pyruvate takes place and it is converted into: (RRB NTPC 10.01.2021 (Shift-I) Stage Ist)**

- (a) Water and energy (b) Lactic acid and energy (c) Ethanol and Carbon dioxide (d) Carbon dioxide and water

Correct Answer: **(b) Lactic acid and energy**

**Q62. Which of the following organelles is called suicidal bags of the cell? (RRB NTPC 05.03.2021 (Shift-II) Stage Ist)**

- (a) Lysosomes (b) Chloroplasts (c) Golgi complex (d) Mitochondria

Correct Answer: **(a) Lysosomes**

**Q63. Which of the following statements is not true for meiosis? (RRB ALP & Tec. (29-08-18 Shift-III))**

- (a) Meiosis occurs in two stages. (b) As a consequence of meiosis, the number of chromosomes is doubled in resulting cells. (c)

During meiosis, the genes of parent cells are mixed in the resulting cells. (d) Meiosis takes place in gonads for production of gametes.

Correct Answer: **(b) As a consequence of meiosis, the number of chromosomes is doubled in resulting cells.**

**Q64. Which cell is called 'the master of the cell'? (RRB ALP & Tec. (29-08-18 Shift-II))**

- (a) Endoplasmic reticulum (b) Mitochondria (c) Nucleolus (d) Nucleus

Correct Answer: **(d) Nucleus**

**Q65. Which is the largest cell organelle present in a cell? (RRB JE 23.05.2019 (Shift-III))**

- (a) Endoplasmic reticulum (b) Nucleus (c) Golgi bodies (d) Mitochondria

Correct Answer: **(b) Nucleus**

**Q66. Which of the following organelles is called 'protein factories of the cell'? (RRB ALP & Tec. (30-08-18 Shift-II))**

- (a) Chloroplast (b) Lysosomes (c) Mitochondria (d) Ribosomes

Correct Answer: **(d) Ribosomes**

**Q67. Which of the following cells is found only in animal cells? (RRB Group-D 15-11-2018 (Shift-III))**

- (a) Lysosome (b) Golgi bodies (c) Centrosome (d) Ribosome

Correct Answer: **(c) Centrosome**

**Q68. What is the basic unit of life? (RRB NTPC 28.03.2016 (Shift-III) Stage It)**

- (a) Cell (b) Organ (c) Tissue (d) Nucleus

Correct Answer: **(a) Cell**

**Q69. What type of cell division is used to repair injury in the body? (RRB NTPC Stage I<sup>st</sup> 26.04.2016 (Shift-II))**

- (a) Mitosis only (b) Meiosis only (c) Both Mitosis and Meiosis (d) Neither Mitosis nor Meiosis

Correct Answer: **(a) Mitosis only**

**Q70. Which of the following is the largest cell in the body of an animal? (RRB SSE (21.12.2014, Set-09, Yellow paper))**

- A) Osteocytes B) Neuron C) Chromatophores D) Lymph cells

Correct Answer: **B) Neuron**

**Q72. Which of the following molecule is present in a cell abundantly? (RRB SSE 21.12.2014)**

- A) Water B) Carbohydrate C) Algae D) Protein

Correct Answer: **A) Water**

**Q73. Which of the following does not follow cell theory? (RRB SSE 21.12.2014)**

- A) Bacteria B) Fungi C) Algae D) Virus

Correct Answer: **D) Virus**

**Q75. Which regulates functional activities of the cell? (RRB J.E. (14.12.2014, Yellow paper))**

- A) Cytoplasm B) Nucleolus C) Mitochondria D) Nucleus

Correct Answer: **D) Nucleus**

**Q76. Name the phase of mitosis during which the chromosomes of the dividing cell lie on equatorial plate? (RRB ALP & Tec. (14-08-18 Shift-II))**

- (a) Anaphase (b) Telophase (c) Metaphase (d) Prophase

Correct Answer: **(c) Metaphase**

**Q77. Who discovered a cell? (RRB NTPC 30.12.2020 (Shift-II) Stage Ist)**

- (a) Theodor Schwann (b) Robert Hooke (c) Matthias Schleiden (d) Rudolf Virchow

Correct Answer: **(b) Robert Hooke**

### Plant Cell

**Q78. Where are waste products stored within a plant cell? (RRB Group-D-15/09/2022 (Shift-III))**

- (a) Golgi bodies (b) Lysosomes (c) Vacuoles (d) Mitochondria

Correct Answer: **(c) Vacuoles**

**Q79. Chlorophyll pigment is present in which of the following components of a cell? (RRB Group-D-15/09/2022 (Shift-I))**

- (a) Mitochondria (b) Ribosomes (c) Chloroplasts (d) Lysosomes

Correct Answer: **(c) Chloroplasts**

**Q80. Colourless plastids are called (RRB Group-D 22-08-2022 (Shift-I))**

- (a) Leucoplast (b) Apicoplasts (c) Chloroplasts (d) Chromoplasts

Correct Answer: **(a) Leucoplast**

**Q81. When you put a plant cell, fungal cell or a bacterial cell in a very dilute external medium, the plant cell or fungal cell will absorb water but will not burst, whereas an animal cell will burst. Which part of the plant cell helps it to withstand the pressure of incoming water? (RRB Group-D 19-09-2022 (Shift-II))**

- (a) Cell wall (b) Plasma membrane (c) Cytoplasm (d) Nucleus

Correct Answer: **(a) Cell wall**

**Q82. Which of the following organelles are present only in plants? (RRB Group-D 19-09-2022 (Shift-III))**

- (a) Vacuoles (b) Plastids (c) Mitochondria (d) Lysosomes

Correct Answer: **(b) Plastids**

**Q83. Cork is impermeable to water and gases because of ..... found within its cells. (RRB Group-D 24-08-2022 (Shift-III))**

- (a) lignin (b) Cutin (c) cellulose (d) suberin

Correct Answer: **(d) suberin**

**Q84. Which of the following stores starch, proteins and oil granules in a plant cell? (RRB Group-D 25-08-2022 (Shift-I))**

- (a) Protoplast (b) Chromoplast (c) Leucoplast (d) Chloroplast

Correct Answer: **(c) Leucoplast**

**Q85. Why do plants have low energy needs? (RRB Group-D 24-08-2022 (Shift-I))**

- (a) Because they produce oxygen (b) Because they only increase in height (c) Because they are self-sufficient in terms of food (d) Because they have a lot of dead cells

Correct Answer: **(d) Because they have a lot of dead cells**

**Q86. In which different parts do the plants store their waste products? (RRB Group-D 24-08-2022 (Shift-I))**

- (a) Lysosomes, fruits and leucoplasts (b) Leaves, lysosomes and leucoplast (c) Vacuoles, bark and lysosomes (d) Leaves, vacuoles and Old xylem

Correct Answer: **(d) Leaves, vacuoles and Old xylem**

**Q87. What is the main difference observed between a slide of human cheek cells and a slide of onion peel when viewed under a compound microscope? (RRB Group-D-02/09/2022 (Shift-I))**

- (a) Presence of plastids in cheek cells (b) Presence of cell wall in onion peel cells (c) Presence of wall in human cheek cells (d) Presence of mitochondria in onion peel cells

Correct Answer: **(b) Presence of cell wall in onion peel cells**

**Q88. Why do plant cells have cell walls? (RRB Group-D-20/09/2022 (Shift-II))**

- (a) They do not have cell membrane (b) They are required for photosynthesis (c) They are living beings (d) They protect the plant cells from various environmental factors

Correct Answer: **(d) They protect the plant cells from various environmental factors**

**Q89. Plant cell walls are composed of: (RRB NTPC 24.07.2021 (Shift-II) Stage Ist)**

- (a) Cytosol (b) Cytoplasm (c) Cellulose (d) Glucose

Correct Answer: **(c) Cellulose**

**Q90. Chlorophyll contains which of the following elements? (RRB NTPC 28.01.2021 (Shift-II) Stage Ist)**

- (a) Aluminium (b) Calcium (c) Magnesium (d) Iron

Correct Answer: **(c) Magnesium**

**Q91. Which of the following is called Yellow Pigmen in Plant? (RPF Constable 16.02.2019 (Shift - III))**

- (a) Carotene (b) Achromatic reaper (c) Xanthophyll (d) Creatinine

Correct Answer: **(c) Xanthophyll**

**Q92. Which cell organelle utilizes light energy during photosynthesis? (RRB NTPC 07.04.2021 (Shift-I) Stage Ist)**

- (a) Golgi body (b) Mitochondria (c) Ribosome (d) Chloroplast

Correct Answer: **(d) Chloroplast**

**Q93. Which of the following statements is FALSE? (RRB NTPC 09.03.2021 (Shift-II) Stage Ist)**

- (a) Plant cells have smaller vacuoles than those of animal cells (b) Plant cells are

generally larger than animal cells (c) Animal cells do not have plastids (d) Plant cells have cell wall, whereas animal cells do not

Correct Answer: **(a) Plant cells have smaller vacuoles than those of animal cells**

**Q94. Which of the following pigments are responsible to determine the colours of fruits and vegetables? (RRB NTPC 27.02.2021 (Shift-I) Stage Ist)**

- (a) Hemocyanin (b) Merocyanine (c) Indocyanine (d) Anthocyanin

Correct Answer: **(d) Anthocyanin**

**Q95. Blue, violet or red flavonoid pigment found in plants is due to the presence of: (RRB NTPC Stage I 29.04.2016 (Shift-II))**

- A) Carotene B) Anthocyanin C) Xanthophiles D) Chlorophyll

Correct Answer: **B) Anthocyanin**

**Q96. Which of the following cell organelles is found in plant cell but not in animal cell? (RRB NTPC Stage I 28.04.2016 (Shift-II))**

- A) Chloroplast B) Endoplasmic reticulum C) Mitochondria D) Ribosome

Correct Answer: **A) Chloroplast**

**Q97. Which of the following components gives green colour to leaves? (RRB JE 24.05.2019 (Shift-III))**

- (a) Water (b) Nitrogen (c) Chlorophyll (d) Urea

Correct Answer: **(c) Chlorophyll**

**Q98. Name the pigment that gives plants their green colour. (RRB NTPC 10.02.2021 (Shift-II) Stage Ist)**

- (a) Carotenoid (b) Chlorophyll (c) Thiamin (d) Actin

Correct Answer: **(b) Chlorophyll**

**Q99. Complex carbohydrates that make up cell wall in plants are called : (RRB JE 02.06.2019 (Shift-II))**

- (a) Maltose (b) Cellulose (c) Sucrose (d) Lactose

Correct Answer: **(b) Cellulose**

### 3.Tissue

#### Animal tissue

**Q100. Which of the following forms the lining of kidney tubules and ducts of salivary glands? (RRB Group-D 19-09-2022 (Shift-I))**

- (a) Squamous epithelium (b) Glandular epithelium (c) Cuboidal epithelium (d) Columnar epithelium

Correct Answer: **(c) Cuboidal epithelium**

**Q101. Which of the following types of epithelial tissues form a lining of lung alveoli? (RRB Group-D- 16/09/2022 (Shift-I))**

- (a) Squamous (b) Columnar (c) Cuboidal (d) Ciliated columnar

Correct Answer: **(a) Squamous**

**Q102. Which of the following animal tissues contain(s) flattened cells? (RRB Group-D-30/09/2022 (Shift-II))**

- (a) Plasma cells (b) Squamous epithelium (c) Cuboidal epithelium (d) Mast cells

Correct Answer: **(b) Squamous epithelium**

**Q103. Which of the following is primarily responsible for the movement of the human body? (RRB Group-D-26/08/2022 (Shift-III))**

- (a) Combination of nervous and connective tissues (b) Combination of muscular and connective tissues (c) Combination of nervous and muscular tissues (d) Combination of nervous and epithelial tissues

Correct Answer: **(c) Combination of nervous and muscular tissues**

**Q104. Bone is an example of which of the following types of tissues? (RRB Group-D-02/09/2022 (Shift-III))**

- (a) Epithelial tissue (b) Muscular tissue (c) Connective tissue (d) Nervous tissue

Correct Answer: **(c) Connective tissue**

**Q105. In which of the following is cartilage NOT present? (RRB Group-D-15/09/2022 (Shift-II))**

- (a) Larynx (b) Nose (c) Ear (d) Kidney

Correct Answer: **(d) Kidney**

**Q106. Which of the following tissues helps in tissue repair? (RRB Group-D-16/09/2022 (Shift-III))**

- (a) Areolar (b) Tendon (c) Cartilage (d) Ligament

Correct Answer: **(a) Areolar**

**Q107. The tissue that stores fat is called: (RRB Group-D-18/09/2022 (Shift-III))**

- (a) connective tissue (b) areolar tissue (c) epithelial tissue (d) adipose tissue

Correct Answer: **(d) adipose tissue**

**Q108. Which of the following tissues is found below the skin and between the internal organs? (RRB Group-D-15/09/2022 (Shift-I))**

- (a) Adipose tissue (b) Muscular tissue (c) Nervous tissue (d) Epithelial tissue

Correct Answer: **(a) Adipose tissue**

**Q109. Which of the following parts of the human body is/are NOT lined with squamous epithelium? (RRB Group-D-01/09/2022 (Shift-III))**

- (a) Mouth (b) Skin (c) Esophagus (d) Kidney tubules

Correct Answer: **(d) Kidney tubules**

**Q110. Which fluid carries absorbed fat from intestine and drains excess fluid from extra cellular space back into the blood? (RRB NTPC 17.01.2021 (Shift-II) Stage Ist)**

- (a) Platelets (b) Capillaries (c) Plasma (d) Lymph

Correct Answer: **(d) Lymph**

**Q111. Which is the fat-accumulating tissue in our body? (RRB NTPC 04.01.2021 (Shift-II) Stage Ist)**

- (a) Epithelial tissue (b) Vascular tissue (c) Areolar tissue (d) Adipose tissue

Correct Answer: **(d) Adipose tissue**

**Q112. Which of the following is not a type of animal tissue? (RRB NTPC 03.03.2021 (Shift- ) Stage Ist)**

- (a) Meristematic tissue (b) Epithelial tissue (c) Muscular tissue (d) Connective tissue

Correct Answer: **(a) Meristematic tissue**

**Q113. Blood is a type of..... tissue. (RRB NTPC 11.01.2021 (Shift-I) Stage Ist)**